

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A luminescent body comprising an optical waveguide plate (1), a UV light source (2), and means for coupling the UV light into the optical waveguide plate, characterized in that the optical waveguide plate is provided with a covering layer 3 that contains one or more phosphors that are either applied directly or may be embedded in spherical particles of synthetic resin material and that convert UV light of a wavelength from 300 to 400 nm into visible light of a wavelength from 420 to 480 nm, the particles of synthetic resin material having a diameter of between 10 and 500 nm and exhibiting a light reflection of < 20%.
2. (original) A luminescent body as claimed in claim 1, characterized in that the covering layer contains one or more inorganic phosphors that may be embedded in spherical particles of synthetic resin material.
3. (original) A luminescent body as claimed in claim 1, characterized in that the covering layer contains one or more organic phosphors that may be embedded in spherical particles of synthetic resin material.

4. (currently amended) A luminescent body as claimed in ~~claims 1 to 3~~claim 1, characterized in that the phosphors, which may be embedded in the spherical particles of synthetic resin material, convert the UV light that is put into colored or white light.

5. (currently amended) A luminescent body as claimed in ~~claims 1 to 4~~claim 1, characterized in that the covering layer applied to the optical waveguide plate produces a layer thickness of 20 to 5000 nm.

6. (currently amended) A luminescent body as claimed in ~~claims 1 to 5~~claim 1, characterized in that a fluorescent tube is used as a primary light source.

7. (currently amended) A luminescent body as claimed in ~~claims 1 to 5~~claim 1, characterized in that an arrangement of $\text{Al}_x\text{Ga}_y\text{In}_z\text{N}$ LEDs in which x, y and z may assume values between 0 and 1 and the sum of $x+y+z$ is 1 is used as a primary light source.

8. (currently amended) A luminescent body as claimed in ~~claims 1 to 7~~claim 1, characterized in that the covering layer containing

the spherical particles of synthetic resin material is applied to a film that is placed between two or more optical waveguide plates.

9. (currently amended) Use of a luminescent body as claimed in ~~claims 1 to 8~~claim 1, characterized in that it is used to illuminate an automobile roof lining.

10. (currently amended) Use of the luminescent body claimed in ~~claims 1 to 8~~claim 1, characterized in that it is used to illuminate a window.